

with great difficulty. The flesh of the camel forms a palatable and nourishing article of food, and its milk is as good for use as that of the cow.

The camels introduced into Texas by Major Wayne have done well; only two having died of acclimatory disease since their introduction. He left Smyrna with thirty-three, of which number one died on the passage. Six young ones were born during the voyage, of which four died. The number landed was thirty-four, being one more than were on board when the vessel left Smyrna.

Major Wayne considers the climate and vegetation of Texas to be as well adapted to the camel as those of Asia, and thinks the chief inconvenience will be found in the scarcity of grain, particularly of barley, a common food of the camel in the east.

He then referred to some practical performances of the camels in Texas, showing the advantages of their employment as beasts of burden; and advanced arguments in favour of the opinion that, owing to the expense and difficulties of constructing a rail road across the continent, either by the government or by individuals, the employment of the camel must, for some time at least, be mainly relied upon as a means of transportation.

Prof. Frazer, after referring to the interesting and instructive nature of the communication just made by Major Wayne, moved that the thanks of the Society be presented to him for the remarks made by him this evening, on the introduction of the camel into the United States; which motion was unanimously agreed to.

Stated Meeting, November 20.

Present, twenty-three members.

Prof. CRESSON, Vice-President, in the Chair.

A letter was read from Prof. Zantedeschi, dated Padua, Oct. 19, 1857, accompanying a communication "On the correlation of chemical forces with the refrangibility of radiations."

Also one from the Corporation of Yale College, dated New Haven, Oct. 30, 1857, acknowledging the receipt of No. 57, of the Proceedings of this Society.

The following donations were announced:—

FOR THE LIBRARY.

- Mémoires de l'Académie Impériale des Sciences de St. Petersburg.
 VI. Série : Sciences, Politiques, Histoire, Philologie, Tome VIII.
 Tome IX. 2 Partie. Sciences Naturelles, Tome VII. 1855. 4to.
 Mémoires présentés à l'Académie Impériale des Sciences de St. Petersburg, par divers Savants, et lus dans ses assemblées. Tome VII. 1854. 4to.
 Comptes Rendus de l'Académie Impériale des Sciences de St. Petersburg, 1852-3-4-5. St. Petersburg. 8vo.—*From the Academy.*
 Exposition des opérations faites en Lapponie pour la détermination d'un arc du méridien, en 1801, 1802, and 1803; par Messrs. Ofverboom, Svanberg, Holmquist et Palander. Redigée par Jöns Svanberg, Mem. Acad. Roy. Sci. Stockholm, &c. Stockholm, 1805. 8vo.—*From the Royal Academy of Sciences, Stockholm.*
 Zweiundvierzigster Jahresbericht der Naturforschenden Gesellschaft in Emden, für 1856.—*From the Natural History Society of Emden.*
 Proceedings of the New Jersey Historical Society. Vol. VIII. No. 2. 1856. 8vo.—*From the Society.*
 Journal of the Franklin Institute. Third Series. Vol. XXXIV. No. 5. November, 1857. Philadelphia. 8vo.—*From the Institute.*
 Monthly Notices of the Royal Astronomical Society. Vol. XVII. No. 9. July 10, 1857. London. 8vo.—*From the Society.*
 Memorial of the Inauguration of the Statue of Franklin:—prepared and printed by authority of the City Council of Boston, 1857. 8vo.—*From the City of Boston.*
 Report of the Commissioner of Patents, for the year 1856. *Arts and Manufactures*, 3 vols. *Agriculture*, 1 vol. Washington. 8vo.—*From the Commissioner of Patents.*
 The African Repository. Vol. XXXIII. No. 11. Nov. 1857. Washington. 8vo.—*From the Am. Colonization Society.*
 Surgical Reports and Miscellaneous Papers on Medical Subjects. By George Hayward, M. D. Pres. Mass. Med. Soc. &c. Boston, 1855. 8vo.—*From the Author.*
 Experimental Researches relative to the nutritive value and physical effects of Albumen, Starch and Gum, when singly and exclusively used as food:—being one of the Prize Essays of the American Medical Association for 1857. By William A. Hammond, M.D.
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Assistant Surgeon U. S. A. Cor. Mem. Acad. Nat. Sci. Philadelphia. 8vo.—*From the Author.*

Address on the Scientific Life and Labours of William C. Redfield, A.M. First President of the American Association for the Advancement of Science:—delivered before the Association at their Annual Meeting in Montreal, Aug. 14, 1857: By Denison Olmstead, L.L.D. Prof. Nat. Phil. and Astron. Yale College. New Haven. 8vo.—*From Mr. John H. Redfield.*

Philips and Robinson's Municipal Telegraph: to which is invited the attention of the Municipal Authorities, Fire Departments, Property Owners, Insurance Companies, and Citizens of all large cities. Philadelphia, 1857.—*From Dr. Lawrence Turnbull.*

The Medical News and Library. Vol. XV. No. 179. Nov. 1857. Philadelphia. 8vo.—*From Blanchard & Lea.*

The letter of Prof. Zantedeschi, read this evening, with the communication accompanying it, was referred to a committee, consisting of Prof. A. D. Bache, Prof. Frazer, and Prof. Cresson.

The decease of Mr. Charles M'Euen, a member of the Society, was announced as having occurred on the 18th inst.

Prof. A. D. Bache made some remarks upon the estimable character of the deceased member, and spoke of his devotion to objects of science.

Judge Kane bore testimony to the liberality of Mr. M'Euen in promoting scientific research, by granting to others the use of instruments belonging to him, and gave an instance of this in his having supplied Dr. E. K. Kane with a number of instruments for use on his Arctic expedition.

The proceedings of the Board of Officers and Council at their late meeting, were read.

Stated Meeting, December 4.

Present, ten members.

Prof. FRAZER, Vice-President, in the Chair.

Letters were read from the Natural History Union of Rhenish Prussia and Westphalia, dated Bonn, April 20, 1857; one